5TH CATEGORY - HISTORIC RACING

GROUP Nc

APPROVED VEHICLE SPECIFICATION

This form details the approved specifications of individual vehicle models in the 5th Category Historic car group. To be issued with an Historic Log Book, cars need to comply with these specifications, the physical appearance shown in the illustrations and the general historic rules as detailed in the current CAMS Manual of Motor Sport.

Make of Car: Triumph **Model::** Mark 2 2.5 PI

Period of Original Manufacture: 1970-- 1974

CAMS Historic Group: Nc

Date of Issue of this Document: 22nd March 2002

This form was issued without alteration or erasure.

SECTION 1 - CHASSIS

1.1 CHASSIS FRAME

Description: Unitary Construction **Period of Manufacture:** 1970 -- 1974

Manufacturer: Triumph / AMI
Chassis no. from:
Chassis no. location: Engine Bay
Material: Steel
Comments:

1.2 FRONT SUSPENSION

Description: Independent – McPherson Struts
Spring medium: Coil
Damper Type: Telescopic - Internal **Adjustable:** No
Anti-sway bar: Fitted **Adjustable:** Optional
Suspension adjustable: No **Method:**
Comments: Spring Rates and Ride Height Free .Refer Group Nc regulations for permitted modifications.

1.3 REAR SUSPENSION

Description: Independent - Trailing Arms
Spring medium: Coil
Damper type: Telescopic **Adjustable:** Optional
Anti-sway bar: Not Fitted **Adjustable:**
Suspension adjustable: No **Method:**
Comments: Spring Rates and Ride Height Free. Refer Group Nc regulations for permitted modifications

1.4 STEERING

Type Rack & Pinion **Make:** Triumph
Comments:

1.5 BRAKES

	Front	Rear
Type:	Disc	Drum
Dimensions:	248 mm	228 x 44 mm
Material of drum/disc	Cast Iron	Cast Iron
No. cylinders/pots per wheel:	2	1
Actuation:	Hydraulic	Hydraulic

Caliper: Make, Material, Type: Girlock – Cast Iron
Master cylinder make: Girlock **Type** Tandem
Adjustable bias: No
Servo Fitted: Yes
Comments: Dual Master Cylinders permitted. Servo may be rendered inoperative. Refer Group Nc regulations for permitted modifications.

SECTION 2 - ENGINE

2.1 ENGINE

Make: Triumph
Model: 2500
No. cylinders: 6 **Configuration** In Line
Cylinder Block-material: Cast Iron **Four Stroke**
Bore - Original: 74.7mm **Max. allowed:** 76.2mm
Stroke - original: 95mm **Max. allowed:** 95mm
Capacity - original: 2498cc **Max. allowed:** 2598cc
Cooling method: Water
Identifying marks:
Comments: Refer Group Nc regulations for permitted modifications

2.2 CYLINDER HEAD

Make: Triumph
No. of valves/cylinder- **Inlet:** 1 **Exhaust:** 1
No. of ports total: 12 **Inlet:** 6 **Exhaust:** 6
No. of camshafts: 1 **Location:** Block **Drive:** Chain
Valve actuation: Pushrod
Spark plugs/cylinder: 1
Identifying marks:
Comments: Refer Group Nc regulations for permitted modifications.

2.3 LUBRICATION

Method: Wet Sump **Oil tank location:**
Dry sump pump type: **Location:**
Oil cooler standard: No **Location:**
Comments: Oil Cooler Permitted. Refer Group Nc regulations for permitted modifications

2.4 IGNITION SYSTEM

Type: Coil & Distributor
Make: Lucas
Comments: Refer Group Nc regulations for permitted modifications

2.5 FUEL SYSTEM

Carburettor: Make: **Model:**
Fuel injection Make: Lucas **Type:** Mechanical
Supercharged: **Type**
Comments

SECTION 3 - TRANSMISSION

3.1 CLUTCH

Make: Various **Type:** Diaphragm **Diameter:** Various
No. of Plates: 1
Actuation: Hydraulic
Comments: Clutch & method of actuation are free

3.2 TRANSMISSION

Type: Triumph 4 Speed Synchromesh

Make: Triumph

No. forward speeds: 4 (Overdrive Optional) **Gearbox location:** Behind Engine
Gearchange type and location: Central - Remote
Case material: Cast Iron **Identifying marks:**
Comments: Ratios Free. Refer Group Nc regulations for permitted modifications

3.3 FINAL DRIVE

Make: Triumph **Model:**

Wheel drive method: Rear
Ratios: Various
Differential: Free **Type:** Hypoid Bevel
Comments: Ratios Free . Limited Slip Differential permitted. Refer Group Nc regulations for permitted modifications.

3.4 TRANSMISSION SHAFTS (EXPOSED)

Number: 3 **Location:** Tailshaft and Driveshafts
Description: Individual Driveshafts and Tubular Tailshaft
Comments:

3.5 WHEELS & TYRES

Wheel type - Original: Pressed Steel **Material - Original:** Steel

Allowed: Steel or Period Alloy **Allowed:** Steel or Alloy
Fixture method: **No. studs:** 4

	FRONT	REAR
Wheel dia. & rim width - Original:	5 x 13	5 x 13
Allowed :	7 x 13	7 x 13
Tyre Section - Original:	175 x 13	175 x 13
Allowed :		
Aspect ratio - minimum:	60% Min.	60% Min.

Comments: Refer Group Nc regulations for permitted modifications.

SECTION 4 - GENERAL

4.1 FUEL SYSTEM

Tank Location: Rear
Capacity: 64 Litres
Fuel pump, type and location: Electric
Make: Lucas
Comments: Fuel Pump is Free

4.2 ELECTRICAL SYSTEM

Voltage: 12
Generator/Alternator fitted: Alternator
Battery Location: Engine Bay
Comments:

4.3 BODYWORK

Type: Four Door Sedan
Material: Steel
No. of seats: 4/5
No. doors: 4
Comments:

4.4 DIMENSIONS

Track - Front: 1330mm
Rear: 1340mm
Wheelbase: 2690mm
Overall length: 4650mm
Dry weight: 1200kg
Comments:

4.5 SAFETY EQUIPMENT : Refer applicable Group Regulations